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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">40853-01-5138US01</div>
		U.S. APPLICATION NO. (if known, see 37CFR 1.5)  <div style="text-align: center; font-size: 1.5em;">13/585385</div>
INTERNATIONAL APPLICATION NO. <div style="text-align: center; font-weight: bold;">PCT/US2005/000799</div>	INTERNATIONAL FILING DATE <div style="text-align: center; font-weight: bold;">10 January 2005</div>	PRIORITY DATE CLAIMED <div style="text-align: center; font-weight: bold;">08 January 2004</div>
TITLE OF INVENTION  <div style="font-weight: bold; font-size: 1.1em;">O-LINKED GLYCOSYLATION OF PEPTIDES</div>		
APPLICANT(S) FOR DO/EO/US <div style="font-weight: bold;">Shawn DEFREES, David A. ZOPF, Zhi-Guang WANG and Henrik CLAUSEN</div>		

Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The U.S. has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 20. below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☒ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: 23 sheets of replacement figures (1-10), Postcard.

U.S. APPLICATION NO. (if known, see 37 CFR 1.53) <b>107585385</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US2005/000799</b>		ATTORNEY'S DOCKET NUMBER <b>40853-01-5138US01</b>	
21. The following fees are submitted:				<b>Applicant Use</b>	<b>Office use only</b>
<input checked="" type="checkbox"/> a) Basic national fee				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee				\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee				\$ 100.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 600.00</b>	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
197 - 100 =	97	2	x \$250.00	\$ 500.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	62 - 20 =	42	x \$50.00	\$2100.00	
Independent claims	2 - 3 =	0	x \$200.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00		
TOTAL OF ABOVE CALCULATIONS =				\$3200.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$1600.00	
SUBTOTAL =				\$1600.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
TOTAL NATIONAL FEE =				\$1600.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					
TOTAL FEES ENCLOSED =				\$1600.00	
Amount to be refunded:					\$
Amount to be charged:					\$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 50-0310 in the amount of \$1600.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0310. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>					
SEND ALL CORRESPONDENCE TO:  <b>MORGAN, LEWIS &amp; BOCKIUS LLP</b> (Customer Number 43850)			<div style="margin-bottom: 20px;">             SIGNATURE         </div> <div style="margin-bottom: 20px;"> <b>Todd ESKER</b>            NAME         </div> <div> <b>46,690</b>            REGISTRATION NUMBER         </div>		